appearance of a flattened disk, the sides studded with hooks, by means of which the chrysalis is attached to the surface, from which it depends in such a manner that the ventral surface is parallel to the plane of support.

The caterpillars feed upon the *Celtis,* or hackberry.

There are a number of species, mainly confined to the south-western portion of the United States, though some of them range southward into Mexico. Two only are known in the Middle States. The species are double-brooded in the more northern parts of the country, and the caterpillars produced from eggs laid by the second brood hibernate.

(1) Chlorippe ccltis, Boisduval and Leconte, Plate XXIII, Fig. 3, *$;* Fig. 4, ? ; Fig. n, *$, under side* (The Hackberry Butterfly).

Butterfly, $.<—The primaries at the base and the secondaries except at the outer angle pale olive-brown, the rest of the wings black. The dark apical tract of the primaries is marked by two irregular, somewhat broken bands of white spots. There is a red-ringed eye-spot between the first and second median ner-vules, near the margin of the fore wing, and there are six such spots on each hind wing. On the under side the ground-color is grayish-purple; the spots and markings of the upper side reappear on this side.

$.—The female has the wings, as is always the case in this genus, much broader and not so pointed at the apex of the pri-maries as in the male sex, and the color is much paler. Expanse, *$* , i.80 inch; ? , 2.10 inches.

Early Stages.—These are beautifully described and delineated by Edwards in "The Butterflies of North America," vol. ii. The caterpillar feeds on the hackberry *(Celtis occidentalis).*

This species is found generally from southern Pennsylvania, Ohio, Indiana, and Illinois to the Gulf of Mexico. It is not, so far as is known, found on the Pacific coast.

(2) Chlorippe .antonia, Edwards, Plate XXIII, Fig. 12, $
(Antonia).

Butterfly.—Bright yellowish-fulvous on the upper side. Easily distinguished from *celtis* by the two eye-spots near the margin of the primaries. Expanse, 1.75-2,00 inches.

Early Stages.—Unknown.

Antonia is found in Texas.